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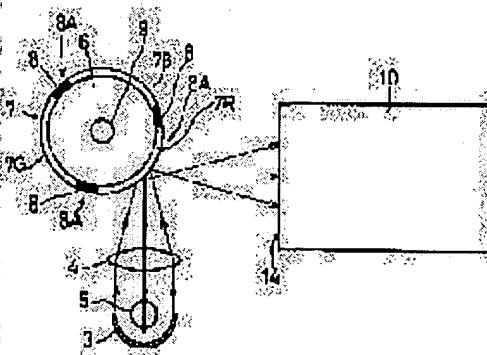
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(54) LIGHTING DEVICE OF LIQUID CRYSTAL DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a lighting device of a liquid crystal device, which is capable of preventing color mixing with the color which is next lighted up by improving fall characteristic of brightness, and of maintaining a high frame frequency need for displaying an animation.

SOLUTION: In this lighting device, a linear light source 5 and a freely rotatable and pillar-shaped mirror 7 are arranged between the source 5 and a light guide body 10 to which light from the linear light source 5 is made incident and which irradiates a liquid crystal element with the incident light so that the mirror 7 is nearly in parallel with the linear light source 5. The pillar-shaped mirror 7 is divided at a boundary part 8A nearly in parallel with the linear light source 5 to form divided mirrors 7R, 7G and 7B. Then, the mirror surfaces of the divided mirrors 7R, 7G and 7B are each performed to different coloring so that the frequency characteristics of the reflection light are governed by red, green and blue, respectively. On the other hand, the pillar-shaped mirror 7 is rotated by a rotating means so that the divided mirrors 7R, 7G and 7B successively face to the light guide body 10. Thereby,



the light governed by each color component of red, green and blue is successively made incident on the light guide body 10.

LEGAL STATUS

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